

Title (en)
VACUUM CLEANER ASSEMBLY

Publication
EP 0179747 B1 19891206 (EN)

Application
EP 85850316 A 19851008

Priority
US 65916684 A 19841009

Abstract (en)
[origin: EP0179747A1] An electric vacuum cleaner comprising a vacuum source, a porous bag assembly, a motor to rotate said brush roll and a handle assembly pivotally connected to a floor engaging unit. The floor engaging unit comprises an open bottom casing (136), a brush roll (120) mounted in said casing for rotation about a horizontal axis and a bottom cover (175) releasably held to cover the bottom of the open bottom casing. The bottom cover is apertured substantially solely in vertical alignment with said brush roll (120), and at least one first floor engaging wheel (28) is mounted at the rear of said floor engaging unit. At least one second floor engaging wheel (179) is mounted on said bottom cover, forwardly of said first floor engaging wheel (28).

IPC 1-7
A47L 5/30

IPC 8 full level
A47L 5/30 (2006.01)

CPC (source: EP US)
A47L 5/30 (2013.01 - EP US)

Cited by
EP2452601A1; WO2012062457A1

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DE GB

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EP 0179747 A1 19860430; EP 0179747 B1 19891206; DE 3574562 D1 19900111; US 4621390 A 19861111

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